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ABSTRACT

This report presents summary data on school enrollment for 1984 and some of the important changes that have occurred in recent years. The data are from the October school enrollment supplements to the Current Population Survey. Some highlights of the topics discussed in this report are: (1) in October 1984 there were 58.8 million persons 3 years old and over enrolled in school; (2) elementary school enrollment was at about 26.8 million, 7.1 million fewer than in the peak year, 1970; (3) high school enrollment was 13.8 million, about 2 million below the 1975-77 peak; (4) there were 12.3 million college students, as there had been in the previous 3 years; and (5) the proportion of black high school graduates under 25 years old with some college experience fell from 50 percent in 1976 to 45 percent. Particular attention is paid in the report to trends in college enrollment by race. Twelve tables present the data and make up the bulk of the document. Analyses of aspects of the data are presented in text form. The source of the data and the reliability of the estimates are assessed in an appendix. (PGD)

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Current Population Reports

Population Characteristics

U.S. Department of Commerce
BUREAU OF THE CENSUS

Series P-20 No. 404
Issued November 1985

School Enrollment— Social and Economic Characteristics of Students: October 1984 (Advance Report)

This report presents summary data on school enrollment for 1984 and some of the important changes that have occurred in recent years. The data are from the October school enrollment supplements to the Current Population Survey (CPS). Data on school enrollment of the civilian population have been collected in the CPS annually since 1946 and regularly reported in this series (P-20). Additional information on school enrollment as well as detailed statements on sampling variability and limitations of the data will appear in a subsequent detailed report on the October 1984 enrollment survey. Some highlights of the topics discussed in this report are:

- In October 1984 there were 58.8 million persons 3 years old and over enrolled in school.
- Elementary school enrollment was at about 26.8 million, 7.1 million fewer students than in the peak year, 1970.
- High school enrollment was 13.8 million, about 2 million below the 1975-77 peak.
- There were 12.3 million college students in 1984, not significantly different from the previous 3 years.
- The proportion of Black high school graduates under 25 years old with some college experience,[1] rose and fell in the 17 years preceding the survey—it was 35 percent in 1967, 50 percent in 1976, and 45 percent in 1980-84.

INTRODUCTION

In October 1984, 58.8 million persons were enrolled in school, including 4.6 million persons 25 years old and over, (past the expected school-leaving age). In fact, these older students accounted for 36 percent of all college students.

[1]High school graduates 14 to 24 years old who were enrolled in college or were not enrolled but had completed 1 or more years of college.

The number of persons enrolled in college in 1984 was significantly higher than the number enrolled in 1980 (table A), but not significantly different from the number enrolled in 1981, 1982, or 1983. So far, the decline in college enrollment projected by the Department of Education, [2] based, in part, on a decline in the traditional college-age population, has not appeared in the CPS estimates.

Table A. Number of Students by Level: October 1984 and 1980[3]

(1980 census-based estimates. Numbers in thousands)

Level	1984	1980	Change
3 to 34 years old			
Nursery school	2,354	2,031	*323
Kindergarten	3,484	3,272	**212
Elementary	26,838	28,241	*-1,403
High school	13,777	14,935	*-1,158
College	10,859	10,473	**386
White	9,269	9,033	236
Black	1,139	1,052	87
14 years old and over			
College	12,304	11,688	*616
Male	5,989	5,617	*372
Female	6,315	6,071	244

*Differences are significant at the 95 percent level of confidence.
**Differences are significant at the 90 percent level of confidence.

Among the youngest students, those enrolled in nursery school, there was no significant change in enrollment from 1983 to 1984. There has been long-term growth in nursery

[2]U.S. Department of Education, National Center for Education Statistics, *Projections of Education Statistics to 1992-93*. 1985.
[3]Table A shows the number of persons enrolled in school by level, using 1980 census-based population estimates for 1980 and 1984. Use of estimates based on the same census allows for more consistent comparisons between years. The 1980 CPS enrollment data in the detailed tables use 1970 census-based estimates, which resulted in substantially lower enrollment estimates for all levels of school than the 1980 census-based estimates.

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school enrollment, however. Throughout the entire period of population decline among 3- and 4-years-olds, which began in the mid-1960's and ended in 1979, the number of 3- and 4-year-olds enrolled in school grew because of increased enrollment rates. In every year since 1980, about 36 percent of 3- and 4-year-olds were enrolled in school compared with 11 percent in 1965. The 3-to-4-year-old population began to increase in 1979, because of an upward trend in the annual number of births which began in 1976,[4] and while the enrollment rate for children of eligible age did not increase after 1980, nursery school enrollment continued to grow (table 2).

Although the larger birth cohorts started reaching elementary school age in 1982, their impact has not yet stopped the decline in total elementary school enrollment, which dropped by 360,000 from 1983 to 1984. In 1984, elementary enrollment was 21 percent (7.1 million) below the 1970 peak. Private elementary school was 31 percent below the 1970 level. In 1984, about 10 percent of all elementary school students were attending private schools.

There were 13.8 million students enrolled at the high school level in 1984, 13 percent less than the 15.7 million enrolled in the peak years of 1975 to 1977. The larger birth cohorts which have begun to enter elementary school will not reach high school age until 1991. They may not cause the downward trend to be reversed until a few years later, depending on such factors as changes in dropout rates. The proportion of high school students in private schools was around 8 percent in the mid-1970's and in 1984.

College enrollment of students of all ages has not changed significantly since 1981.[5] Women remained 51 percent of all students as they have been since 1980; they were 43 percent of all students in 1972. While the population of 18- and 19-year olds has declined since 1981,[6] the CPS sample is not large enough to distinguish the apparant parallel decline in enrollment from sampling fluctuations. About 36 percent of college students were 25 years old and over in 1984 and 1981, compared with 28 percent in 1972.

Total Black college enrollment (14 to 34 years old) has not changed significantly since 1976. In the 14 years spanning 1970 to 1984, the number of White students increased by 37 percent and Black students by 118 percent. Most of the change for both groups occurred in the first half of that period. In most of the years since 1976, there have been more Black women enrolled than Black men; in earlier years, there were no significant differences (table 3). Among Whites, more men than women were enrolled through 1978. Since then, there has been no significant difference between the number of men and women enrolled.

In 1984, about 2.8 million undergraduate students (14 to 34 years old) were enrolled in 2-year colleges, not significantly different from the number enrolled in 1983. From 1974 to 1982, 2-year college enrollment grew by 45 percent compared with a 24-percent increase for all undergraduate enrollment. Two-year college enrollment declined by 9 percent from 1982 to 1984, while total undergraduate enrollment did not change (table 5). Two-year colleges accounted for 30 percent of total undergraduate enrollment in 1984, and they have been more likely than 4-year colleges to serve older and part-time students. Forty-three percent of persons attending 2-year colleges in 1984 attended part time compared with 25 percent of all undergraduates. About 29 percent of 2-year college students were 25 years old or over compared with 20 percent of all undergraduates.

Graduate school enrollment rose 21 percent, from 1974 to 1984, to 1.8 million. The proportion of graduate students attending full time rose from 44 to 55 percent in the same period. There is some evidence that women rose as a proportion of all graduate students in the period, from 40 to 44 percent.

TRENDS IN COLLEGE ENROLLMENT BY RACE

Somewhat different trends emerged in the college enrollment of young Whites and Blacks in the period 1967 to 1984 (the period for which consistent data are available). Black enrollment at least doubled in the first half of the period (to 1976), while White enrollment rose by one-third (table B). From 1976 to 1984, neither group experienced a significant increase in enrollment. These patterns reflect changes in the numbers of high school graduates and the fraction going on to college.

In the first half of the period (1967 to 1976), for both race groups the number of college-age high school graduates increased and college attendance also increased. The number of high school graduates increased rapidly for two reasons. First, the size of the college-age population grew—the largest cohorts of the "baby boom" generation were moving into

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[4]U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 971, *Estimates of the Population of the United States and Components of Change: 1970 to 1984* and earlier reports.

[5]The addition to the CPS of monthly enrollment questions for persons 16 to 24 years old in 1984 and changes in the edit procedures have caused a slightly larger number of college students to be tabulated than in previous years. The edit change is an improvement and should result in a more accurate estimate of college enrollment. The edit adjustment also caused a slight increase in the proportion of students counted as enrolled full time.

[6]The first year that data were available for students of all ages including those 35 years old and over.

FIGURE 1.

Percent of Persons Who Were High School Graduates or Enrolled in College by Race: 1967 to 1984

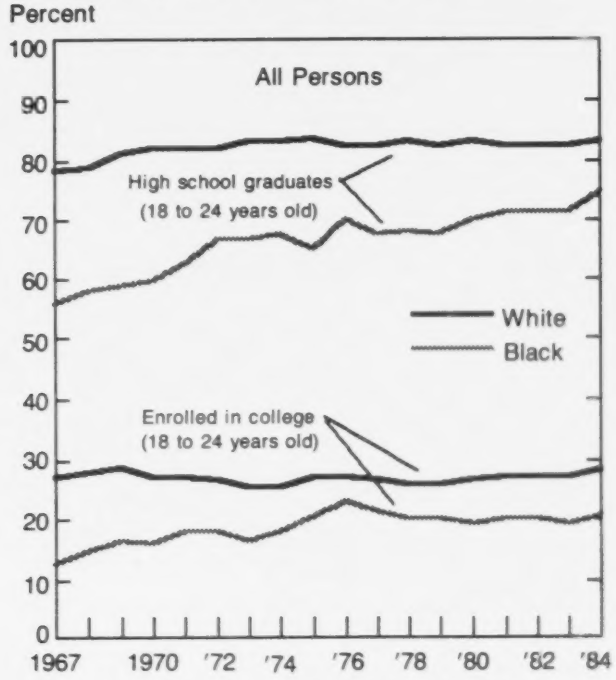
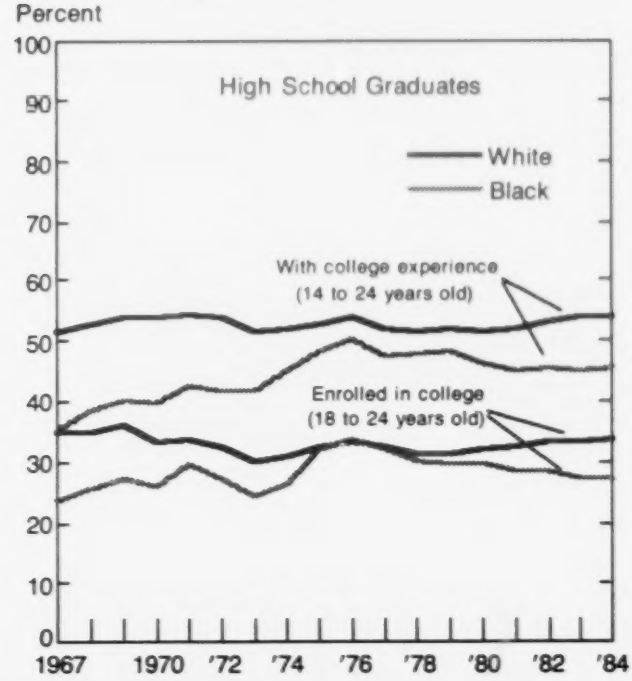


FIGURE 2.

Percent of High School Graduates Who Were Enrolled in College or Had College Experience by Race: 1967 to 1984



college ages and replacing smaller ones. Second, the high school completion rate increased, particularly for Blacks, which also increased the pool of persons eligible for college. In the period 1967 to 1984, the proportion of Black 18- to 24-year-olds who were high school graduates rose from 56 percent to over 70 percent (figure 1 and table B). The proportion of the age group (18 to 24 years old) enrolled in college rose from 13 to 20 percent. There is some evidence that the proportion of high school graduates (those theoretically meeting minimum requirements for college entry) enrolled in college also rose, from 23 to 27 percent. However, in the middle of the period (1976), when 68 percent of Black 18- to 24-year-olds were high school graduates, 33 percent of those graduates were enrolled in college, a significantly larger proportion than was enrolled in either 1967 or 1984 (figure 2). During this period, the proportion of White 18- to 24-year-olds who were high school graduates rose from 78 to 83 percent, and the proportion of those high school graduates enrolled in college remained near one-third.[7]

Other figures available from the annually published survey data show the proportion of high school graduates 14 to 24 years old with any college experience. These figures are substantially higher than enrollment figures, since they include persons who were attending college at the time of the survey plus those who were not attending but had completed 1 or more years of college (table B). In the span of 6 or more years, from high school graduation to age 24, many persons had completed their college education and were no longer enrolled. Among high school graduates 14 to 24 years old, the proportion of Blacks with some college experience rose from 35 percent in 1967 to 50 percent in 1976. By 1980, the proportion had dropped to 46 percent, and it remained at about that level through 1984 (figure 2). Thus, the gains made in the first half of the period for Blacks were partially lost after 1976. For Whites, the proportion with some college experience varied from 51 percent to 54 percent between 1967 and 1984.

Of the Spanish-origin population 18 to 24 years old, the proportion who were high school graduates rose from 52 percent in 1972[8] to 60 percent in 1984. The proportion of high school graduates enrolled in college did not vary from 30 percent during the period. The size of the CPS sample is not sufficient to detect small differences in small population groups such as the Spanish-origin population of college age.

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[7]The reader should be cautioned about interpretation of enrollment rates in the late 1960's when large proportions of young males were in the Armed Forces, which served to reduce the pool of civilians eligible for college and increased reported enrollment rates slightly. In the late 1960's nearly 20 percent of men 18 to 24 years old were in the Armed Forces compared with around 7 percent in 1984. U.S. Bureau of the Census, Current Population Reports, Series P-20, No. 400, *School Enrollment--Social and Economic Characteristics of Students: October 1981 and 1980.*

[8]U.S. Bureau of the Census, Current Population Report, Series P-20, No. 260, *Social and Economic Characteristics of Students: October 1972,* and later annual reports in the P-20 series.

Table B. Persons 14 to 24 Years Old by High School Graduate Status, College Enrollment, Attainment, Race and Spanish Origin: October 1967 to 1984

(Numbers in thousands. Civilian noninstitutional population)

Race and year	Persons 18 to 24 years old						High school graduates, 14 to 24 years old		
		High school graduates		Percent				Percent	
	All persons	Total	Enrolled in college	High school graduates	Enrolled in college	Of high school graduates enrolled in college	All graduates	Enrolled in college	Enrolled or completed 1 or more years
ALL RACES									
1984	28,031	22,870	7,591	81.6	27.1	33.2	23,252	33.7	53.0
1983	28,580	22,988	7,477	80.4	26.2	32.5	23,360	33.1	52.8
1982	28,846	23,291	7,678	80.7	26.6	33.0	23,706	33.5	52.7
1981	28,965	23,343	7,575	80.6	26.2	32.5	23,706	32.9	51.7
1980[1]	28,957	23,413	7,400	80.9	25.6	31.6	23,856	32.1	51.1
1979	27,974	22,421	6,991	80.1	25.0	31.2	22,911	31.9	51.6
1978	27,647	22,309	6,995	80.7	25.3	31.4	22,759	31.9	51.4
1977	27,331	22,008	7,142	80.5	26.1	32.5	22,499	33.0	52.0
1976	26,919	21,677	7,181	80.5	26.7	33.1	22,158	33.7	53.4
1975	26,387	21,326	6,935	80.8	26.3	32.5	21,824	33.1	52.5
1974	25,670	20,725	6,316	80.7	24.6	30.5	21,267	31.2	51.3
1973	25,237	20,377	6,055	80.7	24.0	29.7	20,895	30.4	50.7
1972	24,579	19,618	6,257	79.8	25.5	31.9	20,107	32.6	52.9
1971	23,668	18,691	6,210	79.0	26.2	33.2	19,130	33.4	53.1
1970	22,552	17,768	5,805	78.8	25.7	32.7	18,218	33.5	52.3
1969	21,362	16,703	5,840	78.2	27.3	35.0	17,152	35.7	52.5
1968	20,562	15,683	5,356	76.3	26.0	34.2	16,165	35.2	51.5
1967	20,009	15,114	5,100	75.5	25.5	33.7	15,642	34.9	50.5
WHITE									
1984	23,347	19,373	6,256	83.0	28.0	33.7	19,686	34.2	53.8
1983	23,899	19,643	6,463	82.2	27.0	32.9	19,948	33.5	53.4
1982	24,206	19,944	6,694	82.4	27.2	33.1	20,292	33.6	53.1
1981	24,486	20,123	6,549	82.2	26.7	32.5	20,439	33.0	52.1
1980[1]	24,482	20,214	6,423	82.6	26.2	31.8	20,583	32.3	51.4
1979	23,895	19,616	6,120	82.1	25.6	31.2	20,033	31.8	51.7
1978	23,650	19,526	6,077	82.6	25.7	31.1	19,911	31.7	51.3
1977	23,430	19,291	6,209	82.3	26.5	32.2	19,712	32.6	52.1
1976	23,119	19,045	6,276	82.4	27.1	33.0	19,462	33.5	53.5
1975	22,703	18,883	6,116	83.2	26.9	32.4	19,298	33.0	52.7
1974	22,141	18,318	5,589	82.7	25.2	30.5	18,794	31.2	51.7
1973	21,766	18,023	5,438	82.8	25.0	30.2	18,470	30.8	51.6
1972	21,315	17,410	5,624	81.7	26.4	32.3	17,838	33.0	53.9
1971	20,533	16,593	5,594	81.3	27.2	33.5	17,087	34.2	54.1
1970	19,608	15,960	5,305	81.4	27.1	33.2	16,334	33.9	53.4
1969	18,606	15,031	5,347	80.8	28.7	35.6	15,383	36.2	53.5
1968	17,951	14,127	4,929	78.7	27.5	34.9	14,506	35.7	52.5
1967	17,500	13,657	4,708	78.0	26.9	34.5	14,022	35.2	51.4
BLACK									
1984	3,862	2,885	786	74.7	20.4	27.2	2,950	28.0	45.2
1983	3,865	2,740	741	70.9	19.2	27.0	2,790	27.7	45.0
1982	3,872	2,744	767	70.9	19.8	28.0	2,793	28.2	45.5
1981	3,778	2,678	750	70.9	19.9	28.0	2,718	28.7	44.8
1980[1]	3,721	2,592	715	69.7	19.2	27.6	2,656	28.1	45.9
1979	3,510	2,356	696	67.1	19.8	29.5	2,415	30.6	48.4
1978	3,432	2,340	694	67.8	20.1	29.7	2,396	30.6	47.8
1977	3,387	2,286	721	67.5	21.3	31.5	2,342	32.4	46.9
1976	3,315	2,239	749	67.5	22.6	33.5	2,291	34.2	50.4
1975	3,213	2,081	665	64.8	20.7	32.0	2,149	32.6	48.1
1974	3,105	2,083	555	67.1	17.9	26.6	2,145	27.5	44.8
1973	3,114	2,079	498	66.8	16.0	24.0	2,139	25.0	41.6
1972	2,986	1,992	540	66.7	18.1	27.1	2,044	28.0	42.0
1971	2,866	1,789	522	62.4	18.2	29.2	1,833	30.0	42.3
1970	2,692	1,602	416	59.5	15.5	26.0	1,635	26.7	39.4
1969	2,542	1,497	407	58.9	16.0	27.2	1,547	27.5	40.1
1968	2,421	1,399	352	57.8	14.5	25.2	1,432	26.0	38.1
1967	2,283	1,276	297	55.9	13.0	23.3	1,316	23.7	35.0
SPANISH ORIGIN[2]									
1984	2,018	1,212	362	60.1	17.9	29.9	1,223	30.0	46.0
1983	2,025	1,110	349	54.8	17.2	31.4	1,134	32.3	48.4
1982	2,001	1,133	337	57.6	16.8	29.2	1,173	30.0	47.3
1981	2,052	1,144	342	55.8	16.7	29.9	1,166	30.5	45.8
1980[1]	2,033	1,099	327	54.1	16.1	29.8	1,117	30.1	47.3
1979	1,754	968	292	55.2	16.6	30.2	1,001	31.2	45.7
1978	1,672	935	254	55.9	15.2	27.2	965	28.0	43.2
1977	1,609	880	277	54.7	17.2	31.5	900	32.4	43.8
1976	1,551	862	309	55.6	19.9	35.8	891	36.3	48.9
1975	1,446	832	295	57.5	20.4	35.5	849	36.5	50.8
1974	1,506	842	272	55.9	18.1	32.3	858	33.1	47.8
1973	1,285	709	206	55.2	16.0	29.1	732	30.3	43.0
1972	1,338	694	179	51.9	13.4	25.8	709	27.2	36.7

[1]Data for 1980 and all later years use 1980 Census-based estimates.
[2]May be of any race.

Note: High school graduates are persons who have completed 4 years of high school or more.

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Table 1. School Enrollment of Persons 3 to 34 Years Old, by Level and Control of School, Race, Spanish Origin: October 1965 to 1984

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Level and control of school	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
ALL RACES																	
Total enrolled...	57,313	57,745	57,905	58,390	56,940	57,348	57,854	58,616	60,013	60,482	60,969	60,259	59,392	60,142	61,106	60,357	54,701
Nursery school.....	2,354	2,350	2,153	2,058	2,026	1,987	1,869	1,824	1,618	1,526	1,748	1,607	1,324	1,283	1,066	1,096	520
Public.....	761	809	729	663	657	633	636	587	562	476	574	423	400	402	317	333	127
Private.....	1,593	1,541	1,423	1,396	1,369	1,354	1,233	1,237	1,056	1,050	1,174	1,184	924	881	749	763	393
Kindergarten.....	3,484	3,361	3,299	3,161	3,069	3,176	3,025	2,989	3,191	3,490	3,393	3,252	3,074	3,135	3,263	3,183	3,057
Public.....	2,953	2,706	2,746	2,616	2,540	2,690	2,593	2,493	2,665	2,962	2,851	2,726	2,582	2,636	2,689	2,647	2,439
Private.....	531	656	553	545	529	486	432	496	526	528	542	526	493	499	574	536	618
Elementary school.....	26,838	27,198	27,412	27,795	27,059	27,449	27,865	28,490	29,234	29,774	30,446	31,126	31,469	32,242	33,307	33,950	32,474
Public.....	24,120	24,203	24,381	24,758	24,083	24,398	24,756	25,252	25,983	26,698	27,166	27,956	28,201	28,693	29,829	30,001	27,596
Private.....	2,718	2,994	3,031	3,037	2,976	3,051	3,109	3,238	3,251	3,075	3,279	3,169	3,268	3,549	3,678	3,949	4,878
High school.....	13,777	14,010	14,123	14,642	14,349	14,556	15,116	15,475	15,753	15,742	15,683	15,447	15,347	15,169	15,183	14,715	12,975
Public.....	12,721	12,792	13,004	13,523	13,249	(NA)	13,994	14,231	14,505	14,541	14,503	14,275	14,162	14,015	14,057	13,545	11,517
Private.....	1,057	1,218	1,118	10,919	1,100	(NA)	1,122	1,244	1,248	1,201	1,180	1,172	1,184	1,155	1,126	1,170	1,457
College.....	10,859	10,825	10 199	10,734	10,437	10,180	9,978	9,838	10,217	9,950	9,697	8,827	8,179	8,313	8,087	7,413	5,675
Public.....	8,467	8,183	8,354	8,159	7,911	(NA)	7,699	7,427	7,925	7,739	7,704	6,905	6,224	6,337	6,271	5,699	3,840
Private.....	2,392	2,640	2,565	2,576	2,525	(NA)	2,280	2,410	2,292	2,211	1,994	1,922	1,955	1,976	1,816	1,714	1,835
College:																	
Full time.....	7,822	7,711	7,736	7,569	7,384	7,147	7,010	6,979	7,196	7,176	7,105	6,351	6,089	6,314	6,204	5,763	4,414
Percent.....	72.0	71.2	70.8	70.5	70.7	70.2	70.3	70.9	70.4	72.1	73.3	71.9	74.4	76.0	76.7	77.7	77.8
Part time.....	3,037	3,114	3,183	3,166	3,053	3,033	2,968	2,859	3,021	2,773	2,592	2,476	2,090	1,999	1,883	1,650	1,261
WHITE																	
Total enrolled...	46,941	47,423	47,662	48,169	47,098	47,673	48,225	48,843	50,151	50,761	51,430	50,992	50,617	51,314	52,081	51,719	47,451
Nursery school.....	1,915	1,932	1,783	1,685	1,657	1,637	1,537	1,456	1,314	1,246	1,432	1,340	1,087	1,079	888	893	451
Public.....	543	563	504	447	441	432	428	351	372	318	392	293	242	285	225	198	93
Private.....	1,372	1,369	1,279	1,238	1,216	1,205	1,110	1,105	942	929	1,040	1,048	845	794	664	695	358
Kindergarten.....	2,788	2,769	2,677	2,597	2,514	2,595	2,437	2,452	2,611	2,881	2,845	2,745	2,584	2,633	2,735	2,706	2,648
Public.....	2,319	2,181	2,189	2,130	2,060	2,172	2,069	2,009	2,153	2,423	2,363	2,268	2,139	2,185	2,207	2,233	2,086
Private.....	469	588	489	467	453	423	368	444	458	457	483	477	445	448	527	473	562
Elementary school.....	21,730	22,054	22,297	22,663	22,081	22,510	22,959	23,524	24,262	24,776	25,412	26,051	26,531	27,185	28,187	28,638	27,679
Public.....	19,282	19,340	19,583	19,924	19,390	19,743	20,174	20,551	21,312	21,947	22,351	23,063	23,506	23,869	24,720	24,923	22,976
Private.....	2,449	2,714	2,713	2,739	2,691	2,768	2,785	2,973	2,950	2,829	3,059	2,990	3,015	3,316	3,466	3,715	4,703
High school.....	11,240	11,425	11,577	12,062	11,862	12,056	12,383	12,897	13,152	13,214	13,224	13,073	13,091	12,959	12,998	12,723	11,356
Public.....	10,266	10,339	10,541	11,035	10,849	(NA)	11,349	11,741	11,980	12,093	12,112	11,966	11,967	11,876	11,937	11,599	9,961
Private.....	974	1,086	1,036	1,027	1,013	(NA)	1,033	1,156	1,172	1,121	1,112	1,107	1,124	1,083	1,061	1,124	1,395
College.....	9,269	9,242	9,328	9,162	8,983	8,875	8,709	8,514	8,812	8,644	8,516	7,781	7,324	7,458	7,273	6,759	5,317
Public.....	7,163	6,949	7,102	6,906	6,754	(NA)	6,672	6,368	6,743	6,657	6,724	6,049	5,550	5,644	5,624	5,168	3,568
Private.....	2,105	2,293	2,227	2,256	2,229	(NA)	2,037	2,143	2,069	1,987	1,792	1,732	1,773	1,814	1,650	1,591	1,749
College:																	
Full time.....	6,672	6,532	6,579	6,452	6,349	6,212	6,058	5,974	6,165	6,170	6,183	5,575	5,408	5,678	5,560	5,221	4,111
Percent.....	72.0	70.7	70.5	70.4	70.7	70.0	69.6	70.2	70.0	71.4	72.6	71.6	73.8	76.1	76.4	77.2	77.3
BLACK																	
Total enrolled...	8,226	8,199	8,262	8,350	8,282	8,251	8,317	8,416	8,564	8,518	8,400	8,215	7,834	7,959	8,179	7,829	*7,252
Nursery school.....	340	326	305	284	294	294	278	312	250	226	276	227	210	185	151	178	72
Public.....	179	215	192	182	187	180	185	210	171	146	171	121	146	113	90	129	37
Private.....	161	111	113	102	107	115	95	102	78	80	105	106	64	72	61	49	35
Kindergarten.....	563	476	508	474	477	490	497	451	496	542	468	463	423	448	464	426	407
Public.....	513	427	463	412	415	440	443	414	447	482	426	416	391	402	422	374	353
Private.....	51	48	45	62	62	50	54	38	50	60	42	47	32	46	42	53	54
Elementary school.....	4,123	4,153	4,194	4,291	4,281	4,259	4,296	4,336	4,387	4,430	4,509	4,585	4,473	4,573	4,877	4,868	4,796
Public.....	3,947	3,964	3,974	4,087	4,072	4,058	4,053	4,154	4,166	4,256	4,344	4,455	4,277	4,382	4,712	4,668	4,620
Private.....	177	189	220	204	208	202	243	202	221	175	165	131	196	191	165	200	176
High school.....	2,061	2,143	2,128	2,168	2,150	2,200	2,245	2,276	2,327	2,258	2,199	2,125	2,044	2,025	2,006	1,834	1,619
Public.....	2,002	2,057	2,073	2,102	2,085	(NA)	2,171	2,211	2,269	2,187	2,140	2,072	1,988	1,971	1,951	1,794	1,556
Private.....	59	86	55	65	65	(NA)	74	65	59	71	59	54	56	54	55	41	62
College.....	1,138	1,102	1,127	1,133	1,080	1,007	1,002	1,020	1,103	1,062	948	814	685	727	680	522	358
Public.....	918	858	865	898	857	(NA)	814	822	916	887	782	659	537	582	532	422	272
Private.....	220	245	263	235	223	(NA)	188	199	187	175	166	155	147	145	148	100	86
College:																	
Full time.....	810	806	800	815	776	723	748	753	803	817	742	589	536	525	534	427	218
Percent.....	71.2	73.1	71.0	71.9	71.9	71.8	74.6	73.8	72.8	76.9	78.3	72.4	78.3	72.3	78.5	81.8	79.6
SPANISH ORIGIN[3]																	
Total enrolled...	4,284	4,618	4,478	4,551	4,378	4,263	3,608	3,455	3,516	3,623	3,741	3,620	3,171	3,257	(NA)	(NA)	(NA)
Nursery school.....	117	108	83	131	126	146	89	87	75	68	85	85	68	61	(NA)	(NA)	(NA)
Public.....	78	60	46	68	66	70	50	47	30	38	47	37	41	43	(NA)	(NA)	(NA)
Private.....	39	48	37	63	60	75	39	39	46	30	39	48	27	18	(NA)	(NA)	(NA)
Kindergarten.....	293	335	329	306	292	263	226	231	220	262	235	225	171	241	(NA)	(NA)	(NA)
Public.....	267	285	291	282	268	234	210	198	206	242	218	207	165	227	(NA)	(NA)	(NA)
Private.....	26	50	37	24	23	30	16	33	14	20	17	18	6	14	(NA)	(NA)	(NA)
Elementary school.....	2,384	2,548	2,501	2,474	2,373	2,363	1,934	1,893	1,874	1,934	2,062	2,040	1,884	1,879	(NA)	(NA)	(NA)
Public.....	2,218	2,323	2,276	2,239	2,146	2,134	1,745	1,704	1,654	1,768	1,858	1,780	1,712	1,705	(NA)	(NA)	(NA)
Private.....	166	225	225	235	227	228	189	188	220	165	204	260	172	173	(NA)	(NA)	(NA)
High school.....	966	1,104	1,072	1,130	1,101	1,048	920	868	928	932	948	916	758	834	(NA)	(NA)	(NA)
Public.....	909	1,027	995	1,056	1,029	(NA)	875	825	836	867	886	858	707	784	(NA)	(NA)	(NA)
Private.....	57	77	77	74	72	(NA)	45	43	92	65	61	59	51	50	(NA)	(NA)	(NA)
College.....	524	523	493	510	486	443	440	377	418	427	411	354	290	242	(NA)	(NA)	(NA)
Public.....	433	441	398	398	379	(NA)	365	315	357	334	358	297	247	213	(NA)	(NA)	(NA)
Private.....	91	82	96	112	107	(NA)	75	62	60	73	53	57	43	29	(NA)	(NA)	(NA)
College:																	
Full time.....	356	335	312	343	326	294	314	231	287	297	287	247	201	178	(NA)	(NA)	(NA)
Percent.....	67.9	64.1	63.3	67.3	67.1	66.4	71.4	61.3	68.7	69.6	69.8	69.8	69.3	73.6	(NA)	(NA)	(NA)

[1]Controlled to 1980 census base.
[2]Controlled to 1970 census base.
[3]Persons of Spanish origin may be of any race.
*Enrollment figures for 1965 are for Black and other races.

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Table 2. Percentage of Persons 3 to 34 Years Old Enrolled in School, by Age and Sex: October 1965 to October 1984

(Civilian noninstitutional population)

Age and sex	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
Total, 3 to 34 years	47.9	48.4	48.6	48.9	49.1	49.7	50.3	51.2	52.5	53.1	53.7	53.6	53.5	54.9	56.2	56.4	55.5
3 and 4 years	36.3	37.5	36.4	36.0	36.1	36.7	35.1	34.2	32.0	31.3	31.5	28.8	24.2	24.4	21.2	20.5	10.6
5 and 6 years	94.3	95.4	95.0	94.0	94.1	95.7	95.8	95.3	95.8	95.5	94.7	94.2	92.5	91.9	91.6	89.5	84.9
7 to 13 years	99.2	99.2	99.2	99.2	99.2	99.3	99.2	99.1	99.4	99.2	99.3	99.3	99.2	99.2	99.1	99.2	99.4
14 to 17 years	96.7	97.0	96.4	96.1	96.2	93.4	93.6	93.7	93.6	93.7	93.6	92.9	92.9	93.3	94.5	94.1	93.2
18 and 19 years	50.1	50.4	47.8	49.0	49.1	46.4	45.0	45.4	46.2	46.2	46.9	43.1	42.9	46.3	49.2	47.7	46.3
20 and 21 years	33.9	32.5	34.0	31.6	31.7	31.0	30.2	29.5	31.8	32.0	31.2	30.2	30.1	31.4	32.2	31.9	27.6
22 to 24 years	17.3	16.6	16.8	16.5	16.4	16.3	15.8	16.3	16.5	17.1	16.2	15.1	14.5	14.8	15.4	14.9	13.2
25 to 29 years	9.1	9.6	9.6	9.0	8.9	9.3	9.6	9.4	10.8	10.0	10.1	9.6	8.5	8.6	8.0	7.5	6.1
30 to 34 years	6.3	6.4	6.3	6.9	6.9	6.4	6.4	6.4	6.9	6.0	6.6	5.7	4.5	4.6	4.9	4.2	3.2
Male, 3 to 34 years	49.1	49.7	49.7	50.2	50.4	50.9	51.8	52.9	54.3	55.1	56.0	56.0	56.1	57.8	59.3	59.7	58.8
3 and 4 years	35.9	38.1	36.4	36.8	36.7	37.8	34.6	34.0	32.1	30.9	30.9	28.1	24.5	24.4	20.0	21.2	10.2
5 and 6 years	94.0	95.1	94.7	94.2	94.2	95.0	96.3	95.1	94.7	95.6	94.4	94.4	92.2	91.7	90.9	88.9	84.9
7 to 13 years	99.1	99.1	99.1	99.1	99.1	99.2	99.0	99.0	99.3	99.0	99.0	99.2	99.2	99.1	98.9	99.0	99.3
14 to 17 years	96.7	96.1	96.9	96.3	96.4	93.7	94.5	93.9	94.3	94.6	94.6	93.3	93.7	94.0	95.3	94.8	93.6
18 and 19 years	52.4	50.4	48.9	50.5	50.5	47.0	46.6	47.8	48.4	48.2	49.9	45.8	47.9	51.2	55.4	54.4	55.6
20 and 21 years	36.2	35.2	35.2	32.1	32.2	32.6	31.6	31.7	34.6	33.6	35.3	34.8	34.4	37.3	38.9	42.7	37.6
22 to 24 years	20.1	19.4	18.5	19.2	19.1	17.8	17.6	19.1	19.7	20.7	20.0	19.4	19.1	21.3	23.3	21.2	21.1
25 to 29 years	9.6	10.7	10.1	9.6	9.5	9.8	10.4	10.9	12.6	13.0	13.1	12.7	11.8	12.1	11.9	11.0	9.4
30 to 34 years	5.8	5.8	5.6	6.2	6.2	5.9	6.0	6.5	7.1	6.8	7.7	6.7	5.6	5.8	6.3	5.3	4.5
Female, 3 to 34 years	46.6	47.0	47.5	47.7	47.9	48.5	49.0	49.5	50.7	51.0	51.5	51.3	50.9	52.0	53.2	53.2	52.3
3 and 4 years	36.7	36.9	36.4	35.2	35.4	35.5	35.6	34.5	32.0	31.6	32.1	29.5	23.8	24.4	22.4	19.8	10.9
5 and 6 years	93.1	93.8	95.3	93.8	93.9	96.4	95.2	95.5	96.9	95.5	95.1	93.9	92.3	92.2	92.3	90.2	84.9
7 to 13 years	99.4	99.3	99.3	99.4	99.4	99.3	99.4	99.3	99.5	99.3	99.6	99.5	99.3	99.3	99.4	99.4	99.4
14 to 17 years	96.7	96.9	96.0	93.9	94.0	93.1	92.6	93.5	93.0	92.8	92.6	92.5	92.1	92.6	93.7	93.4	92.8
18 and 19 years	48.0	50.3	46.8	47.5	47.7	45.8	43.4	43.0	44.0	44.4	44.2	40.7	38.2	41.8	43.4	41.6	37.7
20 and 21 years	31.7	29.9	32.9	31.2	31.2	29.5	28.9	27.5	29.1	30.6	27.4	26.0	26.3	26.3	26.8	23.6	19.5
22 to 24 years	14.6	13.9	13.1	13.9	14.0	14.9	14.1	13.6	13.6	13.8	12.6	11.1	10.2	8.9	8.4	9.4	6.5
25 to 29 years	8.6	8.3	9.0	8.4	8.3	8.8	8.8	7.9	9.1	7.3	7.2	6.7	5.4	5.3	4.4	4.3	3.1
30 to 34 years	6.7	7.0	6.9	7.5	7.5	7.0	6.7	6.2	6.7	5.2	5.6	4.6	3.6	3.6	3.6	3.1	2.1

[1]Controlled to 1980 census base.
[2]Controlled to 1970 census base.

Table 3. College Enrollment of Persons 14 to 34 Years Old, by Sex, Race, and Spanish Origin: October 1965 to October 1984

(In thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Sex, race, and Spanish origin	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
ALL RACES																	
Total, enrolled in college	10,859	10,825	10,919	10,734	10,437	10,180	9,978	9,838	10,217	9,950	9,697	8,827	8,179	8,313	8,087	7,413	5,675
Male	5,513	5,504	5,409	5,372	5,193	5,025	4,993	5,124	5,369	5,296	5,342	4,926	4,677	4,853	4,850	4,401	3,503
Female	5,347	5,321	5,510	5,363	5,244	5,155	4,986	4,714	4,848	4,654	4,355	3,901	3,502	3,460	3,236	3,013	2,172
Year of college:																	
First year	3,024	2,987	2,990	3,096	3,032	2,957	2,885	2,766	2,936	2,632	2,886	2,557	2,282	2,320	2,443	2,212	1,861
Second year	2,434	2,624	2,617	2,560	2,500	2,411	2,291	2,286	2,364	2,535	2,376	1,999	1,807	1,965	1,885	1,739	1,256
Third year	1,981	1,805	1,815	1,799	1,744	1,716	1,653	1,658	1,681	1,748	1,492	1,422	1,476	1,454	1,392	1,248	896
Fourth year	1,599	1,595	1,688	1,598	1,543	1,403	1,458	1,445	1,427	1,356	1,354	1,360	1,230	1,253	1,175	1,074	803
Fifth year or higher	1,802	1,814	1,810	1,682	1,618	1,692	1,691	1,681	1,810	1,680	1,589	1,490	1,385	1,322	1,192	1,140	859
WHITE																	
Total, enrolled in college	9,269	9,242	9,328	9,162	8,983	8,875	8,709	8,514	8,812	8,644	8,516	7,781	7,324	7,458	7,273	6,759	5,317
Male	4,709	4,718	4,650	4,620	4,514	4,438	4,400	4,508	4,717	4,658	4,771	4,367	4,218	4,397	4,407	4,066	3,326
Female	4,559	4,524	4,679	4,543	4,469	4,437	4,309	4,006	4,095	3,986	3,743	3,413	3,105	3,061	2,867	2,693	1,991
BLACK																	
Total, enrolled in college	1,138	1,102	1,127	1,133	1,080	1,007	1,002	1,020	1,103	1,062	948	814	684	727	680	522	274
Male	544	497	482	505	474	437	434	452	490	489	442	422	358	384	363	253	126
Female	594	605	645	628	606	570	568	569	614	573	506	392	326	343	317	269	148
SPANISH ORIGIN[3]																	
Total, enrolled in college	524	523	493	510	486	443	440	377	418	427	411	354	290	242	(NA)	(NA)	(NA)
Male	232	253	216	258	243	222	226	196	223	223	219	196	167	126	(NA)	(NA)	(NA)
Female	292	270	278	252	243	221	214	181	194	204	192	158	123	117	(NA)	(NA)	(NA)

[1]Controlled to 1980 census base.
[2]Controlled to 1970 census base.
[3]Persons of Spanish origin may be of any race.

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Table 4. Age Distribution of College Students 14 Years Old and Over, by Sex: October 1972 to October 1984

(Numbers in thousands. Civilian noninstitutional population)

Age and sex	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1974	1973	1972
NUMBER														
Both Sexes														
Total, 14 years and over	12,304	12,320	12,308	12,127	11,814	11,387	11,380	11,141	11,546	11,139	10,880	9,852	8,966	9,096
14 to 17 years	233	260	254	232	226	249	311	274	274	281	293	309	295	295
18 and 19 years	2,867	2,940	2,929	3,044	3,024	2,933	2,844	2,899	2,913	2,937	2,943	2,597	2,517	2,680
20 and 21 years	2,597	2,495	2,689	2,545	2,484	2,423	2,353	2,298	2,430	2,398	2,313	2,192	2,073	2,116
22 to 24 years	2,127	2,042	2,060	1,986	1,897	1,870	1,794	1,798	1,799	1,846	1,679	1,527	1,465	1,461
25 to 29 years	1,857	1,921	1,859	1,717	1,627	1,641	1,679	1,619	1,809	1,686	1,616	1,482	1,278	1,229
30 to 34 years	1,158	1,167	1,129	1,211	1,179	1,062	996	950	992	803	853	720	551	531
35 years and over	1,445	1,495	1,389	1,393	1,377	1,207	1,402	1,303	1,329	1,189	1,183	1,025	787	783
Male														
Total, 14 years and over	5,989	6,010	5,899	5,825	5,636	5,430	5,480	5,380	5,889	5,785	5,911	5,402	5,048	5,218
14 to 17 years	91	108	112	96	94	96	129	106	112	105	128	145	121	141
18 and 19 years	1,373	1,340	1,376	1,450	1,432	1,369	1,341	1,391	1,396	1,391	1,426	1,262	1,293	1,366
20 and 21 years	1,337	1,310	1,346	1,239	1,212	1,246	1,192	1,202	1,280	1,209	1,256	1,206	1,130	1,170
22 to 24 years	1,219	1,170	1,115	1,144	1,080	989	975	1,028	1,036	1,073	1,011	943	937	998
25 to 29 years	965	1,055	968	909	858	853	893	922	1,035	1,067	1,025	951	867	848
30 to 34 years	527	521	492	533	517	472	463	474	511	451	496	420	329	330
35 years and over	476	506	490	453	443	405	487	457	520	489	569	476	371	365
Female														
Total, 14 years and over	6,315	6,310	6,410	6,303	6,178	5,957	5,900	5,559	5,657	5,354	4,969	4,449	3,918	3,877
14 to 17 years	161	153	141	136	132	153	183	168	162	176	164	165	174	153
18 and 19 years	1,494	1,600	1,553	1,594	1,592	1,565	1,503	1,507	1,517	1,546	1,517	1,335	1,224	1,314
20 and 21 years	1,260	1,185	1,343	1,305	1,271	1,178	1,161	1,096	1,151	1,189	1,058	986	944	946
22 to 24 years	908	872	945	842	817	882	818	770	763	773	668	584	528	464
25 to 29 years	892	865	891	808	769	788	786	697	774	619	590	531	411	381
30 to 34 years	630	645	637	677	662	590	533	476	481	352	357	300	222	200
35 years and over	970	989	900	940	934	802	914	845	809	700	614	548	416	418
PERCENT														
Both Sexes														
Total, 14 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years	2.1	2.1	2.1	1.9	1.9	2.2	2.7	2.5	2.4	2.5	2.7	3.1	3.3	3.2
18 and 19 years	23.3	23.9	23.8	25.1	25.6	25.8	25.0	26.0	25.2	26.4	27.0	26.4	28.1	29.5
20 and 21 years	21.1	20.3	21.8	21.0	21.0	21.3	20.7	20.6	21.0	21.5	21.3	22.2	23.1	23.3
22 to 24 years	17.3	16.6	16.7	16.4	16.1	16.4	15.8	16.1	15.6	16.6	15.4	15.5	16.3	16.1
25 to 29 years	15.1	15.6	15.1	14.2	13.8	14.4	14.8	14.5	15.7	15.1	14.9	15.0	14.3	13.5
30 to 34 years	9.4	9.5	9.2	10.0	10.0	9.3	8.8	8.5	8.6	7.2	7.8	7.3	6.1	5.8
35 years and over	11.7	12.1	11.3	11.5	11.7	10.6	12.3	11.7	11.5	10.7	10.8	10.4	8.8	8.6
Male														
Total, 14 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years	1.5	1.8	1.9	1.6	1.7	1.8	2.4	1.9	1.9	1.8	2.2	2.7	2.4	2.7
18 and 19 years	22.9	22.3	23.3	24.9	25.4	25.2	24.5	24.9	23.7	24.0	24.1	23.4	25.6	26.2
20 and 21 years	22.3	21.8	22.8	21.3	21.5	22.9	21.8	21.5	21.7	20.9	21.2	22.3	22.4	22.4
22 to 24 years	20.4	19.5	18.9	19.6	19.2	18.2	17.8	18.4	17.6	18.6	17.1	17.5	18.6	19.1
25 to 29 years	16.1	17.6	16.4	15.6	15.2	15.7	16.3	16.5	17.6	18.4	17.3	17.6	17.2	16.3
30 to 34 years	8.8	8.7	8.3	9.2	9.2	8.7	8.4	8.5	8.7	7.8	8.4	7.8	6.5	6.3
35 years and over	7.9	8.4	8.3	7.8	7.9	7.5	8.9	8.2	8.8	8.5	9.6	8.8	7.3	7.0
Female														
Total, 14 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years	2.5	2.4	2.2	2.2	2.1	2.6	3.1	3.0	2.9	3.3	3.3	3.7	4.4	3.9
18 and 19 years	23.7	25.4	24.2	25.3	25.8	26.3	25.5	27.1	26.8	28.9	30.5	30.0	31.2	33.9
20 and 21 years	20.0	18.8	21.0	20.7	20.7	19.8	19.7	19.7	20.3	22.2	21.3	22.2	24.1	24.4
22 to 24 years	14.4	13.8	14.7	13.4	13.2	14.8	13.9	13.9	13.5	14.4	13.4	13.1	13.5	12.0
25 to 29 years	14.1	13.7	13.9	12.8	12.4	13.2	13.3	12.5	13.7	11.6	11.9	11.9	10.5	9.8
30 to 34 years	10.0	10.2	9.9	10.7	10.7	9.9	9.0	8.6	8.5	6.6	7.2	6.7	5.7	5.2
35 years and over	15.4	15.7	14.0	14.9	15.1	13.5	15.5	15.2	14.3	13.1	12.4	12.3	10.6	10.8

[1]Controlled to 1980 census base.
[2]Controlled to 1970 census base.

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Table 5. College Enrollment of Students 14 to 34 Years Old, by Type of College, Attendance Status, Age, and Sex: October 1970 to October 1984

(In thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, full-time status, and type of college	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
ALL COLLEGE STUDENTS																
Total, 14 to 34 years	10,859	10,825	10,919	10,734	10,437	10,180	9,978	9,839	10,218	9,950	9,697	8,827	8,179	8,313	8,087	7,413
ALL UNDERGRADUATES																
Total, 14 to 34 years	9,058	9,012	9,110	9,053	8,819	8,488	8,287	8,158	8,408	8,270	8,108	7,338	6,794	6,992	6,895	6,274
14 to 19 years	3,120	3,200	3,183	3,276	3,250	3,182	3,156	3,173	3,184	3,216	3,237	2,906	2,812	2,974	3,008	2,854
20 and 21 years	2,565	2,464	2,657	2,511	2,451	2,393	2,308	2,247	2,376	2,358	2,255	2,131	2,031	2,065	1,936	1,803
22 to 24 years	1,547	1,475	1,526	1,458	1,387	1,316	1,297	1,233	1,206	1,224	1,072	1,028	924	944	1,019	866
25 to 34 years	1,828	1,873	1,745	1,808	1,731	1,599	1,526	1,506	1,640	1,472	1,546	1,272	1,028	1,011	931	750
Public	7,242	7,014	7,174	7,035	6,833	(NA)	6,541	6,340	6,683	6,578	6,598	5,843	5,379	5,460	5,472	4,910
Private	1,816	1,998	1,935	2,018	1,985	(NA)	1,746	1,816	1,724	1,692	1,510	1,494	1,516	1,532	1,423	1,363
Male, 14 to 34 years	4,506	4,488	4,450	4,443	4,303	4,111	4,106	4,188	4,372	4,301	4,393	4,030	3,791	3,982	4,017	3,627
Full time	3,519	3,417	3,451	3,397	3,303	3,192	3,163	3,221	3,304	3,291	3,394	3,128	3,035	3,231	3,240	3,045
Part time	987	1,071	999	1,046	1,000	920	943	967	1,068	1,010	999	902	756	751	777	582
Female, 14 to 34 years	4,551	4,525	4,660	4,610	4,517	4,377	4,183	3,969	4,027	3,969	3,715	3,307	3,004	3,010	2,878	2,646
Full time	3,302	3,314	3,355	3,343	3,285	3,123	3,051	2,948	3,002	3,090	2,902	2,561	2,423	2,445	2,348	2,164
Part time	1,249	1,211	1,305	1,266	1,231	1,254	1,132	1,021	1,025	879	813	746	581	565	530	482
Full Time																
Total, 14 to 34 years	6,823	6,729	6,807	6,740	6,588	6,315	6,225	6,169	6,304	6,381	6,296	5,689	5,460	5,678	5,588	5,208
14 to 19 years	2,846	2,895	2,880	2,983	2,960	2,897	2,892	2,872	2,855	2,963	2,987	2,661	2,629	2,797	2,801	2,685
20 and 21 years	2,221	2,124	2,286	2,157	2,106	2,107	1,994	1,919	2,075	2,033	1,958	1,842	1,801	1,845	1,729	1,628
22 to 24 years	1,067	993	979	986	937	810	814	821	775	821	696	697	630	624	700	591
25 to 34 years	689	718	662	613	585	500	525	559	598	563	655	488	398	412	357	301
Part Time																
Total, 14 to 34 years	2,237	2,282	2,304	2,312	2,231	2,173	2,062	1,988	2,104	1,889	1,812	1,649	1,334	1,314	1,307	1,066
14 to 19 years	274	305	302	293	291	282	264	302	329	253	250	245	183	177	207	169
20 and 21 years	344	340	372	353	343	286	314	328	301	325	297	289	230	220	207	175
22 to 24 years	480	482	547	471	450	505	483	412	431	403	376	331	294	320	319	275
25 to 34 years	1,139	1,153	1,083	1,195	1,146	1,098	1,001	947	1,042	909	891	784	630	599	574	449
TWO-YEAR COLLEGE STUDENTS																
Total, 14 to 34 years	2,756	2,931	3,011	2,892	2,801	2,666	2,407	2,453	2,510	2,435	2,561	2,072	1,797	1,910	1,830	1,692
14 to 19 years	994	1,050	1,088	1,144	1,125	1,080	933	966	933	907	1,024	834	816	883	928	895
20 and 21 years	525	595	604	566	549	450	403	427	455	444	431	369	278	334	307	281
22 to 24 years	442	405	494	414	392	417	407	391	380	367	354	305	254	267	263	234
25 to 34 years	795	882	826	768	735	721	664	670	741	718	752	565	449	426	331	283
Public	2,496	2,663	2,750	2,646	2,559	(NA)	2,233	2,247	2,362	2,282	2,437	1,917	1,669	1,816	1,726	1,559
Private	260	268	260	245	241	(NA)	174	206	148	153	123	154	128	94	105	133
Male, 14 to 34 years	1,333	1,370	1,359	1,333	1,280	1,195	1,106	1,214	1,253	1,272	1,412	1,172	1,012	1,125	1,087	1,001
Full time	812	786	832	801	773	739	661	679	681	734	850	709	629	770	726	726
Part time	521	584	527	532	506	456	445	535	572	538	562	463	383	355	361	275
Female, 14 to 34 years	1,422	1,560	1,652	1,559	1,521	1,472	1,301	1,239	1,256	1,163	1,148	899	785	785	743	691
Full time	766	852	905	842	825	759	680	664	691	696	717	528	471	484	473	452
Part time	656	709	747	717	696	713	621	575	565	467	431	371	314	301	270	239
Full Time																
Total, 14 to 34 years	1,579	1,638	1,737	1,643	1,599	1,498	1,341	1,343	1,372	1,430	1,567	1,237	1,100	1,255	1,199	1,177
14 to 19 years	812	855	883	927	910	884	749	778	718	764	865	702	702	772	797	786
20 and 21 years	330	374	381	357	346	287	251	243	283	261	274	233	164	223	209	197
22 to 24 years	190	159	214	170	162	160	156	157	162	177	155	151	121	134	124	114
25 to 34 years	247	250	260	188	181	167	185	167	208	228	274	152	111	126	70	80
Part Time																
Total, 14 to 34 years	1,177	1,293	1,274	1,249	1,202	1,168	1,066	1,110	1,138	1,005	994	835	697	655	631	515
14 to 19 years	182	195	206	217	214	195	184	190	216	143	159	132	114	111	131	109
20 and 21 years	195	221	223	209	203	163	152	184	172	183	157	136	113	111	98	84
22 to 24 years	252	245	280	243	230	256	251	234	218	190	199	154	133	133	139	120
25 to 34 years	548	631	566	579	554	554	479	503	533	490	478	413	338	300	261	203
GRADUATE STUDENTS																
Total, 14 to 34 years	1,802	1,814	1,810	1,681	1,618	1,692	1,691	1,681	1,810	1,680	1,590	1,490	1,385	1,320	1,192	1,140
14 to 21 years	32	32	32	34	34	30	44	51	57	42	57	61	42	52	63	54
22 to 24 years	580	568	535	530	511	554	497	565	593	622	607	499	541	517	468	488
25 to 34 years	1,190	1,214	1,244	1,120	1,074	1,104	1,149	1,063	1,161	1,017	923	930	801	749	663	599
Public	1,225	1,171	1,180	1,124	1,078	(NA)	1,157	1,087	1,241	1,161	1,105	1,061	945	877	799	789
Private	576	643	630	558	540	(NA)	534	594	568	519	484	428	439	443	393	351
Male	1,007	1,017	960	929	890	914	888	935	995	994	949	897	887	872	833	774
Full time	612	623	568	514	491	500	469	477	548	542	542	457	467	481	480	432
Part time	395	394	392	415	399	414	419	458	447	452	407	440	420	391	353	342
Female	794	797	850	753	728	777	804	745	813	686	640	593	498	450	359	366
Full time	387	359	362	314	305	332	317	334	338	254	267	205	163	155	136	123
Part time	407	438	488	439	423	445	487	411	475	432	373	388	335	295	223	243

[1]Controlled to 1980 census base.
[2]Controlled to 1970 census base.

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Table 6. Enrollment Status, for Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1984

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, race, and Spanish origin	Population	Enrolled in school						Not enrolled in school					
		Total		Below college level[1]		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
ALL RACES													
Total, 3 to 34 years	119,740	57,313	47.9	46,453	38.8	10,859	9.1	62,428	52.1	47,308	39.5	15,120	12.6
3 and 4 years	7,188	2,608	36.3	2,608	36.3	-	-	4,580	63.7	-	-	4,580	63.7
5 and 6 years	6,698	6,332	94.5	6,332	94.5	-	-	366	5.5	-	-	366	5.5
7 to 9 years	9,632	9,539	99.0	9,539	99.0	-	-	92	1.0	-	-	92	1.0
10 to 13 years	13,401	13,315	99.4	13,315	99.4	-	-	86	0.6	-	-	86	0.6
14 and 15 years	7,390	7,229	97.8	7,223	97.7	6	0.1	161	2.2	5	0.1	157	2.1
16 and 17 years	7,173	6,564	91.5	6,317	88.1	247	3.4	609	8.5	124	1.7	485	6.8
18 and 19 years	7,428	3,724	50.1	857	11.5	2,867	38.6	3,704	49.9	2,575	34.7	1,129	15.2
20 and 21 years	7,959	2,699	33.9	102	1.3	2,597	32.6	5,260	66.1	4,092	51.4	1,168	14.7
22 to 24 years	12,644	2,187	17.3	60	0.5	2,127	16.8	10,457	82.7	8,612	68.1	1,845	14.6
25 to 29 years	20,995	1,906	9.1	49	0.2	1,857	8.8	19,089	90.9	16,230	77.3	2,860	13.6
30 to 34 years	19,232	1,209	6.3	51	0.3	1,158	6.0	18,023	93.7	15,670	81.5	2,353	12.2
Male, 3 to 34 years	59,746	29,334	49.1	23,821	39.9	5,513	9.2	30,412	50.9	22,673	37.9	7,739	13.0
3 and 4 years	3,676	1,320	35.9	1,320	35.9	-	-	2,356	64.1	-	-	2,356	64.1
5 and 6 years	3,425	3,220	94.0	3,220	94.0	-	-	204	6.0	-	-	204	6.0
7 to 9 years	4,926	4,866	98.8	4,866	98.8	-	-	59	1.2	-	-	59	1.2
10 to 13 years	6,848	6,799	99.3	6,799	99.3	-	-	49	0.7	-	-	49	0.7
14 and 15 years	3,768	3,673	97.5	3,671	97.4	2	0.1	95	2.5	3	0.1	91	2.4
16 and 17 years	3,643	3,345	91.8	3,256	89.4	89	2.5	298	8.2	44	1.2	254	7.0
18 and 19 years	3,674	1,924	52.4	551	15.0	1,373	37.4	1,750	47.6	1,156	31.5	594	16.2
20 and 21 years	3,880	1,405	36.2	68	1.7	1,337	34.5	2,475	63.8	1,830	47.2	645	16.6
22 to 24 years	6,190	1,246	20.1	27	0.4	1,219	19.7	4,944	79.9	3,999	64.6	945	15.3
25 to 29 years	10,303	987	9.6	22	0.2	965	9.4	9,316	90.4	7,923	76.9	1,393	13.5
30 to 34 years	9,414	548	5.8	21	0.2	527	5.6	8,866	94.2	7,718	82.0	1,148	12.2
Female, 3 to 34 years	59,994	27,978	46.6	22,632	37.7	5,347	8.9	32,015	53.4	24,635	41.1	7,380	12.3
3 and 4 years	3,512	1,287	36.7	1,287	36.7	-	-	2,224	63.3	-	-	2,224	63.3
5 and 6 years	3,273	3,112	95.1	3,112	95.1	-	-	161	4.9	-	-	161	4.9
7 to 9 years	4,706	4,673	99.3	4,673	99.3	-	-	33	0.7	-	-	33	0.7
10 to 13 years	6,553	6,517	99.4	6,517	99.4	-	-	37	0.6	-	-	37	0.6
14 and 15 years	3,622	3,555	98.2	3,552	98.1	3	0.1	67	1.8	1	-	65	1.8
16 and 17 years	3,530	3,219	91.2	3,061	86.7	158	4.5	311	8.8	81	2.3	230	6.5
18 and 19 years	3,754	1,800	48.0	306	8.1	1,494	39.8	1,954	52.0	1,419	37.8	535	14.3
20 and 21 years	4,079	1,294	31.7	34	0.8	1,260	30.9	2,785	68.3	2,262	55.5	523	12.8
22 to 24 years	6,454	941	14.6	33	0.5	908	14.1	5,513	85.4	4,613	71.5	900	13.9
25 to 29 years	10,692	919	8.6	27	0.3	892	8.3	9,773	91.4	8,307	77.7	1,466	13.7
30 to 34 years	9,818	660	6.7	30	0.3	630	6.4	9,158	93.3	7,952	81.0	1,205	12.3
WHITE													
Total, 3 to 34 years	99,237	46,941	47.3	37,673	38.0	9,269	9.3	52,296	52.7	40,280	40.6	12,017	12.1
3 and 4 years	5,782	2,081	36.0	2,081	36.0	-	-	3,701	64.0	-	-	3,701	64.0
5 and 6 years	5,423	5,133	94.6	5,133	94.6	-	-	291	5.4	-	-	291	5.4
7 to 9 years	7,843	7,765	99.0	7,765	99.0	-	-	79	1.0	-	-	79	1.0
10 to 13 years	10,900	10,831	99.4	10,831	99.4	-	-	69	0.6	-	-	69	0.6
14 and 15 years	6,057	5,924	97.8	5,920	97.7	4	0.1	133	2.2	5	0.1	129	2.1
16 and 17 years	5,909	5,391	91.2	5,186	87.8	205	3.5	518	8.8	97	1.6	421	7.1
18 and 19 years	6,139	3,135	51.1	594	9.7	2,541	41.4	3,004	48.9	2,091	34.1	913	14.9
20 and 21 years	6,611	2,264	34.3	58	0.9	2,206	33.4	4,347	65.7	3,407	51.5	939	14.2
22 to 24 years	10,597	1,819	17.2	41	0.4	1,779	16.8	8,778	82.8	7,349	69.4	1,429	13.5
25 to 29 years	17,693	1,604	9.1	38	0.2	1,566	8.9	16,089	90.9	13,838	78.2	2,251	12.7
30 to 34 years	16,282	995	6.1	28	0.2	967	5.9	15,287	93.9	13,491	82.9	1,796	11.0
Male, 3 to 34 years	49,834	24,078	48.3	19,369	38.9	4,709	9.4	25,756	51.7	19,530	39.2	6,226	12.5
3 and 4 years	2,944	1,055	35.8	1,055	35.8	-	-	1,890	64.2	-	-	1,890	64.2
5 and 6 years	2,789	2,626	94.1	2,626	94.1	-	-	164	5.9	-	-	164	5.9
7 to 9 years	4,015	3,962	98.7	3,962	98.7	-	-	53	1.3	-	-	53	1.3
10 to 13 years	5,599	5,561	99.3	5,561	99.3	-	-	38	0.7	-	-	38	0.7
14 and 15 years	3,103	3,029	97.6	3,026	97.5	2	0.1	74	2.4	3	0.1	71	2.3
16 and 17 years	3,006	2,750	91.5	2,679	89.1	71	2.4	256	8.5	35	1.2	221	7.3
18 and 19 years	3,047	1,603	52.6	378	12.4	1,224	40.2	1,444	47.4	964	31.6	480	15.8
20 and 21 years	3,242	1,177	36.3	34	1.0	1,143	35.3	2,065	63.7	1,549	47.8	516	15.9
22 to 24 years	5,232	1,055	20.2	17	0.3	1,039	19.9	4,177	79.8	3,428	65.5	748	14.3
25 to 29 years	8,770	811	9.2	15	0.2	796	9.1	7,959	90.8	6,823	77.8	1,137	13.0
30 to 34 years	8,086	449	5.6	16	0.2	434	5.4	7,637	94.4	6,728	83.2	909	11.2
Female, 3 to 34 years	49,403	22,863	46.3	18,304	37.0	4,559	9.2	26,540	53.7	20,749	42.0	5,791	11.7
3 and 4 years	2,838	1,026	36.1	1,026	36.1	-	-	1,812	63.9	-	-	1,812	63.9
5 and 6 years	2,634	2,507	95.2	2,507	95.2	-	-	127	4.8	-	-	127	4.8
7 to 9 years	3,828	3,802	99.3	3,802	99.3	-	-	26	0.7	-	-	26	0.7
10 to 13 years	5,301	5,270	99.4	5,270	99.4	-	-	31	0.6	-	-	31	0.6
14 and 15 years	2,954	2,895	98.0	2,893	97.9	2	0.1	59	2.0	1	-	58	2.0
16 and 17 years	2,903	2,641	91.0	2,507	86.4	134	4.6	262	9.0	62	2.1	200	6.9
18 and 19 years	3,092	1,532	49.6	215	7.0	1,317	42.6	1,560	50.4	1,127	36.5	432	14.0
20 and 21 years	3,369	1,087	32.3	24	0.7	1,063	31.6	2,282	67.7	1,858	55.2	423	12.6
22 to 24 years	5,365	764	14.2	24	0.4	740	13.8	4,601	85.8	3,921	73.1	680	12.7
25 to 29 years	8,923	793	8.9	23	0.3	770	8.6	8,130	91.1	7,016	78.6	1,114	12.5
30 to 34 years	8,196	545	6.7	12	0.1	533	6.5	7,651	93.3	6,764	82.5	887	10.8

See footnotes at end of table.

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Table 6. Enrollment Status, for Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1984—Continued

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, race, and Spanish origin	Population	Enrolled in school						Not enrolled in school					
		Total		Below college level[1]		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
BLACK													
Total, 3 to 34 years	16,414	8,226	50.1	7,089	43.2	1,138	6.9	8,188	49.9	5,670	34.5	2,518	15.3
3 and 4 years	1,131	432	38.2	432	38.2	-	-	699	61.8	-	-	699	61.8
5 and 6 years	1,001	941	94.1	941	94.1	-	-	59	5.9	-	-	59	5.9
7 to 9 years	1,435	1,428	99.5	1,428	99.5	-	-	7	0.5	-	-	7	0.5
10 to 13 years	2,016	2,001	99.3	2,001	99.3	-	-	15	0.7	-	-	15	0.7
14 and 15 years	1,077	1,055	97.9	1,054	97.8	2	0.1	22	2.1	-	-	22	2.1
16 and 17 years	1,061	981	92.4	943	88.9	38	3.6	80	7.6	25	2.4	55	5.2
18 and 19 years	1,092	483	44.3	218	20.0	265	24.3	609	55.7	423	38.8	186	17.0
20 and 21 years	1,115	308	27.7	34	3.1	274	24.6	807	72.3	619	55.6	187	16.8
22 to 24 years	1,655	259	15.7	12	0.7	247	14.9	1,396	84.3	1,057	63.8	339	20.5
25 to 29 years	2,578	191	7.4	9	0.4	182	7.0	2,387	92.6	1,889	73.3	498	19.3
30 to 34 years	2,253	147	6.5	16	0.7	131	5.8	2,106	93.5	1,656	73.5	451	20.0
Male, 3 to 34 years	7,876	4,142	52.6	3,598	45.7	544	6.9	3,735	47.4	2,499	31.7	1,236	15.7
3 and 4 years	571	212	37.2	212	37.2	-	-	358	62.8	-	-	358	62.8
5 and 6 years	503	467	92.8	467	92.8	-	-	36	7.2	-	-	36	7.2
7 to 9 years	724	720	99.5	720	99.5	-	-	4	0.5	-	-	4	0.5
10 to 13 years	1,014	1,005	99.1	1,005	99.1	-	-	9	0.9	-	-	9	0.9
14 and 15 years	545	528	96.9	528	96.9	-	-	17	3.1	-	-	17	3.1
16 and 17 years	529	493	93.2	478	90.3	16	2.9	36	6.8	7	1.3	29	5.5
18 and 19 years	524	255	48.6	143	27.3	112	21.3	269	51.4	166	31.7	103	19.7
20 and 21 years	516	153	29.7	24	4.7	129	25.0	363	70.3	259	50.1	104	20.2
22 to 24 years	771	135	17.5	8	1.1	126	16.4	636	82.5	480	62.4	155	20.2
25 to 29 years	1,169	106	9.1	7	0.6	99	8.5	1,063	90.9	849	72.6	214	18.3
30 to 34 years	1,010	66	6.6	4	0.4	62	6.2	944	93.4	738	73.1	205	20.3
Female, 3 to 34 years	8,538	4,085	47.8	3,491	40.9	594	7.0	4,453	52.2	3,170	37.1	1,283	15.0
3 and 4 years	560	220	39.2	220	39.2	-	-	340	60.8	-	-	340	60.8
5 and 6 years	497	474	95.3	474	95.3	-	-	23	4.7	-	-	23	4.7
7 to 9 years	711	708	99.5	708	99.5	-	-	4	0.5	-	-	4	0.5
10 to 13 years	1,001	996	99.4	996	99.4	-	-	6	0.6	-	-	6	0.6
14 and 15 years	532	527	99.0	525	98.7	2	0.3	5	1.0	-	-	5	1.0
16 and 17 years	532	488	91.7	465	87.5	22	4.2	44	8.3	18	3.4	26	4.9
18 and 19 years	568	229	40.3	75	13.3	153	27.0	340	59.7	257	45.3	82	14.5
20 and 21 years	599	155	25.9	10	1.6	145	24.2	444	74.1	361	60.2	83	13.9
22 to 24 years	885	124	14.1	4	0.4	121	13.6	760	85.9	576	65.1	184	20.8
25 to 29 years	1,409	84	6.0	2	0.1	83	5.9	1,324	94.0	1,041	73.9	284	20.1
30 to 34 years	1,243	80	6.5	12	0.9	69	5.5	1,163	93.5	917	73.8	245	19.7
SPANISH ORIGIN[2]													
Total, 3 to 34 years	8,982	4,284	47.7	3,760	41.9	524	5.8	4,698	52.3	2,286	25.5	2,412	26.8
3 and 4 years	621	151	24.2	151	24.2	-	-	470	75.8	-	-	470	75.8
5 and 6 years	585	549	93.9	549	93.9	-	-	36	6.1	-	-	36	6.1
7 to 9 years	863	852	98.7	852	98.7	-	-	11	1.3	-	-	11	1.3
10 to 13 years	1,119	1,112	99.4	1,112	99.4	-	-	7	0.6	-	-	7	0.6
14 and 15 years	539	512	94.9	512	94.9	-	-	27	5.1	-	-	27	5.1
16 and 17 years	540	463	85.7	458	84.8	5	1.0	77	14.3	6	1.1	71	13.2
18 and 19 years	561	224	39.9	87	15.6	136	24.3	337	60.1	191	34.0	146	26.1
20 and 21 years	527	148	28.1	15	2.8	133	25.2	379	71.9	192	36.5	187	35.4
22 to 24 years	930	105	11.3	13	1.4	93	10.0	825	88.7	467	50.2	358	38.4
25 to 29 years	1,504	107	7.1	7	0.5	100	6.7	1,396	92.9	796	52.9	601	39.9
30 to 34 years	1,194	62	5.2	5	0.4	57	4.8	1,132	94.8	635	53.1	498	41.7
Male, 3 to 34 years	4,446	2,161	48.6	1,929	43.4	232	5.2	2,285	51.4	1,084	24.4	1,201	27.0
3 and 4 years	300	60	20.0	60	20.0	-	-	240	80.0	-	-	240	80.0
5 and 6 years	315	295	93.6	295	93.6	-	-	20	6.4	-	-	20	6.4
7 to 9 years	410	403	98.2	403	98.2	-	-	7	1.8	-	-	7	1.8
10 to 13 years	596	596	100.0	596	100.0	-	-	-	-	-	-	-	-
14 and 15 years	290	278	95.7	278	95.7	-	-	12	4.3	-	-	12	4.3
16 and 17 years	269	229	85.1	227	84.3	2	0.8	40	14.9	3	1.2	37	13.6
18 and 19 years	249	97	38.8	55	21.9	42	16.9	153	61.2	87	35.0	65	26.2
20 and 21 years	259	71	27.5	9	3.3	63	24.1	188	72.5	89	34.3	99	38.2
22 to 24 years	448	55	12.3	6	1.3	49	11.0	393	87.7	219	48.9	174	38.8
25 to 29 years	743	51	6.9	2	0.3	49	6.6	692	93.1	396	53.4	295	39.7
30 to 34 years	567	26	4.6	-	-	26	4.6	541	95.4	289	51.1	251	44.3
Female, 3 to 34 years	4,536	2,124	46.8	1,831	40.4	292	6.4	2,412	53.2	1,202	26.5	1,211	26.7
3 and 4 years	321	91	28.2	91	28.2	-	-	231	71.8	-	-	231	71.8
5 and 6 years	269	254	94.2	254	94.2	-	-	16	5.8	-	-	16	5.8
7 to 9 years	453	449	99.2	449	99.2	-	-	3	0.8	-	-	3	0.8
10 to 13 years	523	516	98.7	516	98.7	-	-	7	1.3	-	-	7	1.3
14 and 15 years	249	234	94.0	234	94.0	-	-	15	6.0	-	-	15	6.0
16 and 17 years	271	234	86.3	231	85.2	3	1.1	37	13.7	3	1.0	34	12.7
18 and 19 years	311	127	40.8	33	10.5	94	30.2	184	59.2	103	33.2	81	26.0
20 and 21 years	268	77	28.7	6	2.4	70	26.3	191	71.3	103	38.6	88	32.7
22 to 24 years	482	50	10.4	7	1.4	43	9.0	432	89.6	248	51.5	184	38.1
25 to 29 years	761	56	7.4	5	0.7	51	6.7	705	92.6	399	52.4	306	40.2
30 to 34 years	628	36	5.7	5	0.8	31	4.9	592	94.3	345	55.0	247	39.3

[1] Includes nursery school, kindergarten, and grades 1 to 12.
[2] May be of any race.

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Appendix. Source and Reliability of Estimates

SOURCE OF DATA

The estimates of school enrollment in 1984 are based on data obtained in October 1984 from the Current Population Survey (CPS) conducted by the Bureau of the Census. The CPS sample was initially selected from the 1970 census file and is updated continuously to reflect new construction where possible. The sample is composed of approximately 61,500 occupied households that are eligible for interview. Of this number, about 2,500 occupied units were visited, but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason.

The estimation procedure used for this survey involved the inflation of the weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, race, and sex. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the strength of the Armed Forces.

Data from 1972 to 1980 were obtained using independent population estimates based on the 1970 decennial census. Estimates for earlier years were based on earlier censuses. Data for 1981 and later years utilized independent estimates derived from the 1980 decennial census.

Two sets of estimates for 1981 are shown in some of the tables in this report; one set results from using independent population estimates based on the more up-to-date 1980 decennial census, and the other set results from using 1970 census-based population estimates. The 1970-based estimates have been included to provide continuity in the time series with previous years. Comparing the 1980-based estimates with the 1970-based estimates provides a measure of the effect of changing to the 1980-based estimation procedure.

CPS Design Phase-In. Since the inception of the CPS in 1940, the sample has been redesigned several times, most recently in the early 1970's, to upgrade the quality and reliability of the data and to meet changing data needs. Beginning in April 1984, the CPS design was being phased out through a series of changes that were completed in July 1985. The October 1984 CPS sample consisted of four rotation groups where sample segments were obtained by sampling from 1970 census materials, and four rotation groups where sample segments in continuing areas were obtained by sampling from 1980 census materials and segments in outgoing areas were based on 1970 census materials. A continuing area was one that stayed in sample with both the 1970 and 1980 designs, and an outgoing area was one that was no longer in sample in the 1980 design. The October sample had five rotation groups located in 629 sampling areas comprising 1,148 counties, independent cities, and minor civil divisions and three rotation groups located in 729 sample areas representing 1,973 counties and equivalent geographic areas. The coverage was in all 50 States and the District of Columbia.

For a description of the previous CPS sample designs, see the detailed reports in the series, Current Population Reports, Series P-60, Bureau of the Census, U.S. Department of Commerce.

RELIABILITY OF ESTIMATES

Since the estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided for this report primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but they do not measure any systematic biases in the data. The full extent of the nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

Sampling Variability. The standard errors presented in tables A-1 and A-2 are primarily measures of sampling variability; that is, of the variations that occurred by chance because a sample rather than the entire population was surveyed. The sample estimates and its standard error enable one to construct interval estimates that include the average results of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under identical conditions using the same design and an estimate and its standard error were calculated from each sample, then:

1. Approximately 90 percent of the intervals from 1.6 standard errors below the estimates to 1.6 standard errors above the estimate would include the average results of all possible samples.

Table A-1. Standard Errors of Estimated Numbers of Persons 3 to 34 Years Old Enrolled in School, for the Total, Black, and Spanish-Origin Population: October 1984

(Numbers in thousands)

Enrollment	Total		Black		Spanish origin	
	Persons	Standard error	Persons	Standard error	Persons	Standard error
Total enrolled	57,313	265	8,226	113	4,284	203
Nursery	2,354	78	340	30	117	18
Private	1,593	65	161	21	39	10
Kindergarten	3,484	94	563	37	293	28
Private	531	38	51	12	26	8
Elementary	26,838	204	4,123	67	2,384	78
Private	2,718	84	177	22	166	21
High school	13,777	163	2,061	67	966	61
College	10,859	148	1,138	52	524	40
Full time	7,822	128	810	44	356	31

Note: Controlled to 1980 census base.

Source: Estimates from table 1.

Table A-2. Standard Errors of Estimated Percentages of Persons 3 to 34 Years Old Enrolled in School, for the Total, Black, and Spanish-Origin Population: October 1984

(Numbers in thousands)

Age	Total		Black		Spanish origin	
	Percentage	Standard error	Percentage	Standard error	Percentage	Standard error
3 to 34 years	47.9	0.2	50.1	0.6	47.7	1.0
3 and 4 years	36.3	0.9	38.2	2.4	24.2	3.4
5 and 6 years	94.5	0.5	94.1	1.2	93.9	1.9
7 to 9 years	99.0	0.2	99.5	0.3	98.7	0.8
10 to 13 years	99.4	0.11	99.3	0.3	99.4	0.5
14 and 15 years	97.8	0.3	97.9	0.7	94.9	1.9
16 and 17 years	91.5	0.5	92.4	1.3	85.7	3.0
18 and 19 years	50.1	0.9	44.3	2.4	39.9	4.1
20 and 21 years	33.9	0.8	27.7	2.2	28.1	3.9
22 to 24 years	17.3	0.5	15.7	1.4	11.3	2.0
25 to 29 years	9.1	0.3	7.4	0.8	7.1	1.3
30 to 34 years	6.3	0.3	6.5	0.8	5.2	1.3

Note: Controlled to 1980 census data.

Source: Estimates from table 6.

2. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average results of all possible samples.

The average result of all possible samples may or may not be contained in any particular computed interval. However, for a particular sample one can say with a specified confidence that the average results of all possible samples is included within the constructed interval.

All statements of comparison in the text have passed a hypothesis test at the 0.10 level of significance or better, and most have passed a hypothesis test at the 0.05 level of significance or better. This means that, for most differences cited in the text, the difference between two sample estimates is greater than twice the standard error of the difference. Statements of comparison qualified in some way (e.g., by use of the phrase, "some evidence") have a level of significance between 1.6 and 2.0 standard errors.

Note When Using Small Estimates. Percent distributions are shown in this report only when the base of the percentage is greater than 75,000. Because of the large standard errors involved, there is little chance that percentages would reveal useful information when computed on a smaller base. Estimated numbers of persons are shown, however, even though the relative standard errors of these numbers are larger than those for the corresponding percentages. These smaller estimates are provided primarily to permit those combinations of the categories which serves each user's needs.

Standard Errors for Data Based on the CPS Sample. Since this is an advance report, standard errors are provided in tables A-1 and A-2, and standard error parameters are provided in table A-3 for estimated numbers of persons and estimated percentages for only certain characteristics which are considered the most important among the data in the report. A more complete source and reliability statement for the 1984 data will be published with the forthcoming 1984 detailed report.

Standard Errors of Estimated Numbers and Estimated Percentages. The approximate standard errors of estimated numbers and percentages can be computed directly with formulas (1) and (2) below, respectively. The formulas are:

$$\sigma_x = \sqrt{ax^2 + bx} \qquad (1)$$

where "x" is the size of the estimate and "a" and "b" are the parameters associated with the characteristic; and

$$\sigma_{(x,p)} = \sqrt{\frac{b}{x} p\,(100-p)} \qquad (2)$$

Table A-3. Parameters to be Used for School Enrollment Characteristics for Direct Computation of Standard Errors (Use for 1980 and Later Years)

Characteristic	Parameters[1]	
	a	b
Persons enrolled in school		
3 to 34 years old:		
Total or White	−0.000019	2,312
Black	−0.000129	2,600
Spanish origin (level)	+0.001744	2,131
Spanish origin (percentage only)	(X)	[2]3,873
14 to 34 years old:		
Total or White	−0.000028	2,312
Black	−0.000195	2,600
Spanish origin (level)	+0.001174	2,131
Spanish origin (percentage only)	(X)	[2]3,873
3 to 13 years old:		
Total, White or Spanish origin	−0.000073	2,698
Black	−0.000393	2,698
Spanish origin (percentage only)	(X)	[2]3,873

X - Not applicable

[1]To obtain "a" and "b" parameters for the October 1967-1979 supplements, multiply these parameters by 0.871. To obtain "a" and "b" parameters for 1965, multiply these parameters by 1.307.

[2]This "b" parameter is to be used to calculate the standard error of percentages only.

where "x" is the size of the subclass of the population which is the base of the percentage, "p" is the percentage ($0 < p < 100$), and "b" is the parameter associated with the characteristic.

Table A-3 provides the values of the "a" and "b" parameters that are used in formulas (1) and (2) to approximate standard errors of estimated numbers of persons and estimated percentages.

Standard Error of a Difference. For a difference between two sample estimates, the standard error is approximately equal to

$$\sigma_{(x-y)} = \pm\sqrt{\sigma_x^2 + \sigma_y^2} \qquad (3)$$

where σx and σy are the standard errors of the estimates x and y; the estimates can be numbers, percents, ratios, etc. This will represent the estimated standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between two separate and uncorrelated characteristics in the same area. If however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

1980 Census of Population and Housing

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